

# MSDS REPORT

**Applicant** : **AMC Group Limited**  
2nd Floor, C1 Building, Huayi KeXueYuan, No. 71  
TianDa Road, Gao Xin Qu, Hefei, Anhui, China

**Manufacturer** : **AMC Group Limited**  
2nd Floor, C1 Building, Huayi KeXueYuan, No. 71  
TianDa Road, Gao Xin Qu, Hefei, Anhui, China

**Product Description** : **Rubber Magnet / Magnetic Strip**

**Product Code** : --

**Trade Mark** : N/A



This report is limited to the above applicant company and the product model only.





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Product Name: Rubber Magnet / Magnetic Strip

Establishment / Revision: February 18, 2022

### MATERIAL SAFETY DATA SHEET

(according to ISO 11014: 2009)

#### SECTION 1: Identification of Product and Supplier

##### 1.1 Identification of the substance or preparation

**Product Name:** Rubber Magnet / Magnetic Strip

**Sample Model No.:** --

**Client declaration:** --

**Trade Mark:** N/A

##### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Application of the substance / the preparation:** For billboards, toys, teaching materials, small motors, sensors, etc.

##### 1.3 Company / undertaking identification

**Manufacturer:** AMC Group Limited

**Address:** 2nd Floor, C1 Building, Huayi KeXueYuan, No. 71 TianDa Road, Gao Xin Qu, Hefei, Anhui, China

**Tel:** +86-551-6539 0113

**Fax:** +86-551-6533 4878

**Email:** --

##### 1.4 Emergency telephone

**Emergency telephone number:** [Weekday] +86-551-6539 0113

[Night and holiday] +86-551-6539 0113

#### SECTION 2: Hazards Identification

##### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Eye irritation (Category 2), H319

##### 2.2 GHS Label elements, including precautionary statements

**Labelling according Regulation (EC) No 1272/2008 [CLP]**



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Pictogram



Signal word

**Warning****Hazard statement(s)**

H319 Causes serious eye irritation.

**Precautionary statements**

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

**Supplemental Hazard Statements:** none**SECTION 3: Composition / Information on Ingredients****3.1 Substance or preparation : Preparation****3.2 Information about the chemical nature of product :**

Common chemical name / General name	CAS number	EINECS number	Concentration / Concentration range	Classification and hazard labeling
Ferric oxide (Fe <sub>2</sub> O <sub>3</sub> )	1309-37-1	215-168-2	81%	Health: 1 Flammability: 0 Reactivity: 0
Strontium oxide (SrO)	1314-11-0	215-219-9	8%	Health: 2 Flammability: 0 Reactivity: 1
Polyethylene	9002-88-4	618-339-3	10%	Health: 1 Flammability: 1 Reactivity: 0
Soybean oil or other lubricants	--	--	1%	Health: 1 Flammability: 2 Reactivity: 0





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### SECTION 4: Emergency measures

#### 4.1 Description of first aid measures

##### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

**Eye contact :** Rinse thoroughly with plenty of water for at least 15 minutes.  
Consult a physician.

**Skin contact :** Wash off with soap and plenty of water.  
Consult a physician.

**Inhalation :** If breathed in, move person into fresh air.  
If not breathing, give artificial respiration.  
Consult a physician.

**Ingestion :** Never give anything by mouth to an unconscious person.  
Rinse mouth with water.  
Consult a physician.

#### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and / or in section 11

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

### SECTION 5: FIRE FIGHTING MEASURES

#### 5.1 Extinguishing Media:

##### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Special hazards arising from the substance or mixture :

Iron oxides, Strontium oxides, Carbon oxides

#### 5.3 Advice for firefighters :

Wear self contained breathing apparatus for fire fighting if necessary.

#### 5.4 Further information :

No data available.





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### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures:

- Avoid dust formation.
- Avoid breathing dust, vapours, mist or gas.
- Ensure adequate ventilation.
- Evacuate personnel to safe areas.
- For personal protection see section 8.

#### 6.2 Environmental precautions:

- Prevent further leakage or spillage if safe to do so.
- Do not let product enter drains.
- Discharge into the environment must be avoided.

#### 6.3 Methods and materials for containment and cleaning up

- Sweep up and shovel.
- Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections:

- For disposal see section 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling:

- Provide appropriate exhaust ventilation at places where dust is formed.
- Keep material dry.
- Avoid contact with sharp edges or heated metal.
- For precautions see section 2.2.

#### 7.2 Conditions for safe storage, including any incompatibilities

- Store in cool place.
- Keep container tightly closed in a dry and well-ventilated place.

#### 7.3 Specific end use(s)

- Apart from the uses mentioned in section 1.2 no other specific uses are stipulated





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### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 Control parameters

**Components with workplace control parameters:**

#### 8.2 Exposure controls:

Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

#### Personal protective equipment:

##### Eye/face protection:

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### Body Protection

Working clothes. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection:

Respiratory protection is not required. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Environmental exposure controls:

Prevent further leakage or spillage if safe to do so.

Do not let product enter drains.

Discharge into the environment must be avoided.

### SECTION 9: Physical and Chemical Properties



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**9.1 Information on basic physical and chemical properties**

- |   |   |
|---|---|
| a). Appearance:                                   | Black Solid   |
| b). Color:  | Black   |
| c). Odour:  | Odourless   |
| d). pH:   | No data available                                       |
| e). Melting point/freezing point:                 | No data available                                       |
| f). Initial boiling point and boiling range:      | No data available                                       |
| g). Flash point:                                  | No data available                                       |
| h). Evaporation rate                              | No data available                                       |
| i). Flammability:                                 | No data available                                       |
| j). Explosive properties:                         | No data available                                       |
| k). Upper/lower flammability or explosive limits: | No data available                                       |
| l). Vapour pressure (at 20°C):                    | No data available                                       |
| m). Vapour density:                               | No data available                                       |
| n). Density (at 20°C):                            | 4.6-5.2 g/cm <sup>3</sup> at 25 °C                      |
| o). Water solubility:                             | Insoluble   |
| p). Partition coefficient:<br>n-octanol/water:    | No data available                                       |
| q). Auto-ignition temperature:                    | No data available                                       |
| r). Decomposition temperature:                    | No data available                                       |
| s). Evaporation rate:                             | Not explosive   |
| t). Oxidizing properties:                         | The substance or mixture is not classified as oxidizing |

**9.2 Other safety information**

No data available

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity:** No data available**10.2 Chemical Stability:** Stable under recommended storage conditions**10.3 Possibility of hazardous reactions:** No data available**10.4 Conditions to avoid:** No data available**10.5 Incompatible materials:**



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Chloroformates, Peroxides, Strong acids

### 10.6 Hazardous decomposition products:

Hazardous decomposition products formed under fire conditions. - Iron oxides, Strontium oxides, Carbon oxides

Other decomposition products - No data available.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity:

LD 50 Oral – Rat - > 10 000 mg/kg

#### Skin corrosion/irritation:

Skin – Rabbit

Result: No skin irritation

(OECD Test Guideline 404)

#### Serious eye damage/eye irritation :

Eyes – Rabbit

Result: No eye irritation

(OECD Test Guideline 405)

#### Respiratory or skin sensitization:

No data available

#### Germ cell mutagenicity:

No data available

#### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity:** No data available

**Specific target organ toxicity - single exposure:** May cause respiratory irritation.

**Specific target organ toxicity - repeated exposure:** no data available







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**Aspiration hazard:** no data available

**Additional Information:**

RTECS: Not available

Long term inhalation exposure to iron (oxide fume or dust) can cause sider pneumoconiosis and does not normally cause significant physiologic impair having a mottled appearance.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### SECTION 12: Ecological Information

**12.1 Toxicity:** No data available

**12.2 Persistence and degradability:** No data available

**12.3 Bioaccumulative potential:** No data available

**12.4 Mobility in soil:** No data available

**12.5 Results of PBT and vPvB assessment:**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects :**

Harmful to aquatic life.

### SECTION 13: Waste handling

**Disposal of product:**

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations.

Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused product.

### SECTION 14: Transport Information





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### 14.1 UN number :

ADR/RID: --

IMDG: --

IATA: --

### 14.2 UN proper shipping name:

ADR/ RID: Not Dangerous goods

IMDG/ IMO: Not Dangerous goods

IATA/ ICA: Not Dangerous goods

### 14.3 Transport hazard class(es) :

Label: --

ADR/RID: --

IMDG: --

IATA: --

### 14.4 Packaging group :

ADR/RID: --

IMDG: --

IATA: --

### 14.5 Environmental hazards :

ADR/RID: no

IMDG: no

IATA: no

### 14.6 Special precautions for user : No data available

## SECTION 15: Regulation Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

#### EU Directive 2006/66/EC

**EINECS:** This product is on the European Inventory of Existing Commercial Chemical Substances.

#### US Federal:

##### SARA:

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**OSHA:** Not Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).





Report No.: NTS2201067M

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### WHMIS (Canada):

CLASS D-2A: Material causing other toxic effects.

### SECTION 16: Other Information

The information contained in this Safety data sheet is based on the present state of knowledge and current legislation.

Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use.

This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

MSDS Creation Date: February 18, 2022

NTS  
NOWD

